

Serial No.: 10/673,353
Art Unit: 3747
Examiner: HARRIS, Katrina B.

Page 2 of 5

IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. **(Cancelled)**

2. **(New) A personal watercraft, comprising:**

a hull;

a deck disposed on the hull;

an engine compartment defined between the hull and the deck;

a four stroke internal combustion engine disposed in the engine compartment,
the engine comprising:

a crankcase having a top, a bottom, two sides, two ends and a crankshaft rotatably
mounted therein between the two ends;

a cylinder head connected to the top of the crankcase,

the crankcase and the cylinder head forming at least one combustion cylinder
chamber therebetween;

at least one intake valve for the at least one combustion cylinder chamber;

at least one exhaust valve for the at least one combustion chamber;

a valve actuation assembly located in the cylinder head for actuating the at least one
intake valve and the at least one exhaust valve;

at least one air intake passageway connected to the at least one combustion
cylinder;

a propulsion unit operatively coupled to an end of the crankshaft;

at least one air intake manifold operatively connected to the at least one air intake
passageway;

an air/water separating device in fluid communication with the air intake manifold for
separating water out from the induction air; and

a supercharger for boosting air to the air intake manifold arranged in fluid communication
between the air/water separating device and the intake manifold.

3. **(New) The personal watercraft of claim 1, further comprising:**

a bow; and

a transom; and

Serial No.: 10/673,363
Art Unit: 3747
Examiner: HARRIS, Katrina B.

Page 3 of 5

wherein the supercharger is disposed rearwardly of the water separating device towards the transom of the personal watercraft.

4. (New) The personal watercraft of claim 2, wherein the supercharger is a mechanically driven supercharger.
5. (New) The personal watercraft of claim 1, further comprising a straddle-type seat on the deck, and wherein the engine is disposed below the seat.
6. (New) The personal watercraft of claim 1, wherein the water separating device has a body defining a volume, an inlet and an outlet.
7. (New) The personal watercraft of claim 4, wherein the body of the water separating device is separated in at least two chambers.
8. (New) The personal watercraft of claim 1, wherein the crankshaft is horizontally disposed.
9. (New) The personal watercraft of claim 1, wherein the propulsion unit is a jet propulsion unit disposed rearwardly of the engine.
10. (New) The personal watercraft of claim 1, further comprising an air box in fluid communication with the air intake manifold, and wherein the air/water separating device is disposed within the air box.
11. (New) The personal watercraft of claim 1, wherein the supercharger is a mechanically driven supercharger.
12. (New) The personal watercraft of claim 1, further comprising handlebars mounted on the deck for steering the personal watercraft.

**This Page is Inserted by IFW Indexing and Scanning
Operations and is not part of the Official Record**

BEST AVAILABLE IMAGES

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images include but are not limited to the items checked:

- BLACK BORDERS**
- IMAGE CUT OFF AT TOP, BOTTOM OR SIDES**
- FADED TEXT OR DRAWING**
- BLURRED OR ILLEGIBLE TEXT OR DRAWING**
- SKEWED/SLANTED IMAGES**
- COLOR OR BLACK AND WHITE PHOTOGRAPHS**
- GRAY SCALE DOCUMENTS**
- LINES OR MARKS ON ORIGINAL DOCUMENT**
- REFERENCE(S) OR EXHIBIT(S) SUBMITTED ARE POOR QUALITY**
- OTHER:** _____

IMAGES ARE BEST AVAILABLE COPY.

As rescanning these documents will not correct the image problems checked, please do not report these problems to the IFW Image Problem Mailbox.